

P23889.P01 <b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No.	P23889	Total Pages
		Inventor(s) or Application Identifier Jun IMAMURA, Hideya FUJIMOTO, Ritsuko IMAI, Nobuya KOIZUKA, Takako SAKAI, and Takahiko HAYAKAWA		
		Title: PROTEIN INVOLVED IN RESTORATION OF CYTOPLASMIC MALE STERILITY AND GENE ENCODING THE PROTEIN AND GENE		
ADDRESS TO:  Commissioner for Patents Mail Stop Patent Application PO Box 1450 Alexandria, VA 22313-1450				
APPLICATION ELEMENTS		ACCOMPANYING APPLICATION PARTS		
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)		9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input checked="" type="checkbox"/> paper</li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul> </li> </ul>		
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Small Entity Statement(s)</li> </ul>		10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))		
3. <input checked="" type="checkbox"/> Specification [Total Pages <u>93</u> ] (preferred arrangement set forth below) <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>		11. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)		
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>10</u> ]		12. <input type="checkbox"/> English Translation Document (if applicable)		
5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>5</u> ] <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy) <input checked="" type="checkbox"/> Unexecuted</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))          (for continuation/divisional with Box 20 completed)  <u>[Note Box 6 below]</u> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> DELETION OF INVENTOR(S)            Signed statement attached deleting inventor(s)            named in the prior application, see 37 CFR            1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul>		13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations		
6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		14. <input checked="" type="checkbox"/> Preliminary Amendment		
7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)		16. <input type="checkbox"/> Figure of Drawing to be published: <u>1</u>		
		17. <input checked="" type="checkbox"/> Foreign priority claimed <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Claim of Priority</li> <li>b. <input type="checkbox"/> Certified Copy of Priority Document(s)</li> </ul>		
		18. <input checked="" type="checkbox"/> Assignee: <u>Mitsubishi Chemical Corporation, of Tokyo, Japan</u>		
		19. <input checked="" type="checkbox"/> Other: <u>Cover Letter Under 37 C.F.R. 1.53(b) and 1.53(f)</u> <hr/> <hr/> <hr/> <hr/>		
20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input checked="" type="checkbox"/> Continuation-in-part (CIP) of prior Application No. <u>PCT/JP02/04092</u> , filed <u>April 24, 2002</u> . Prior application information: Examiner: _____ Group Art Unit: _____				
21. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence: This application is a <u>  </u> continuation-in-part, <u>  </u> continuation, <u>  </u> divisional, of Application No. <u>                </u> / <u>                </u> , filed <u>                </u> .				

Address all future correspondence to **Customer No. 7055** at the present address of:

**GREENBLUM & BERNSTEIN, P.L.C.**  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

7h/03

Date



07055

PATENT TRADEMARK OFFICE

Signature Jewo. 33,097

Bruce H. Bernstein, Reg. No. 29,027  
Typed or Printed Name

P23889.P02

07/07/03  
 15915 U.S. PTO

## FEE TRANSMITTAL

<b>FEE TRANSMITTAL</b>				<b>Complete if Known</b>																																																																																																																																							
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				First Named Inventor		Jun IMAMURA et al.																																																																																																																																					
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<b>TOTAL AMOUNT OF PAYMENT</b>		(\$) <b>2,328.00</b>		Attorney Docket Number		P23889																																																																																																																																					
<b>METHOD OF PAYMENT</b> (check one)				<b>FEES CALCULATION</b> (continued)																																																																																																																																							
1. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:  Deposit Account Number <u>19-0089</u>  Deposit Account Name <u>GREENBLUM &amp; BERNSTEIN, P.L.C.</u>				3. <b>ADDITIONAL FEES</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="4"></td> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (3) (\$)</b> <u>0.00</u></td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	1051	130	2051	65	1052	50	2052	25	1053	130	1053	130	1812	2,520	1812	2,520	1804	920*	1804	920*	1805	1,840*	1805	1,840*	1251	110	2251	55	1252	410	2252	205	1253	930	2253	465	1254	1,450	2254	725	1255	1,970	2255	985	1401	320	2401	160	1402	320	2402	160	1403	280	2403	140	1451	1,510	1451	1,510	1452	110	2452	55	1453	1,300	2453	650	1501	1,300	2501	650	1502	470	2502	235	1503	630	2503	315	1460	130	1460	130	1807	50	1807	50	1806	180	1806	180	8021	40	8021	40	1809	750	2809	375	1810	750	2810	375	1801	750	2801	375	1802	900	1802	900	Other fee (specify) _____				Other fee (specify) _____								<b>SUBTOTAL (3) (\$)</b> <u>0.00</u>			
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<b>SUBMITTED BY</b>				Complete (if applicable)	
Typed or Printed Name		<u>Bruce H. Bernstein</u>		Reg. Number	29,027
Signature		<u>Arnold Turk</u> <u>Arnold Turk</u> Reg. No. 33,094		Date	7/7/03
				Deposit Account User ID	

P23889.P04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jun IMAMURA et al.

Serial No : Not Yet Assigned (Continuation-in-part of International Appl. No. PCT/JP02/04092)

Filed : Concurrently Herewith

For : PROTEIN INVOLVED IN RESTORATION OF CYTOPLASMIC MALE STERILITY TO  
FERTILITY AND GENE ENCODING THE PROTEIN AND GENE

**COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION  
FILED UNDER 37 C.F.R. 1.53(b)and 1.53(f)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b)and 1.53(f) in which the attached Declaration and Power of Attorney are in unexecuted form.

A properly executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to the above, this application should be associated with Customer Number 7055, which includes the present correspondence address as follows:

GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, Va. 20191

The above-identified application includes:

- 93 pages of specification (including Abstract);
- 10 sheets of drawings with 11 figures;
- 79 pages of Sequence Listing;
- a Diskette containing Sequence Listing;
- an unexecuted Declaration and Power of Attorney;
- 47 total claims with 16 independent.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Jun IMAMURA et al.

  
Bruce H. Bernstein  
Reg. No. 29,027

July 7, 2003  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
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